



Attorney Docket No. 55338 (70868)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Kazuyuki Nako, et al.

Examiner: Unassigned

U.S.S.N.: 09/720,475

Art Unit: Unknown

FILED: December 22, 2000

FOR: IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD,
AND MEDIUM ON WHICH IMAGE PROCESSING PROGRAM IS
RECORDED

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 June 11, 2001.

By: 

Fatima H. DeArruda

**INFORMATION DISCLOSURE STATEMENT
(SUBMISSION AFTER FILING OF AN APPLICATION
BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE)**

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Date June 11, 2001

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)
(check one box)

- a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.
- c. X before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$230.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. ☐ No certification; therefore, a fee in the amount of \$230.00 is required by 37 C.F.R. . § 1.17(p).
- or
- b. ☐ See the certification below. No fee is required.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby certifies that

- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

II. COPIES

- a. X Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. Each of the patents, publications or other information listed on the attached PTO-1449 was previously cited by or submitted to the USPTO in connection with U.S.S.N.: 00/000,000, to which the subject application claims the benefit of the earlier filing date. As such, a copy of each is not included herewith pursuant to 37 C.F.R. § 1.98(d).

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

- a. X Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).

- b. X A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:

- X English abstract for reference(s) B1 through B5
 X Partial translation for reference(s) C1

- c. The following additional information is provided for the Examiner's consideration:

- Copy of EPO Search Report.
 Copy of PCT Search Report.
 Copy of Official Communication from the Patent Office.
 English translation of search report/ official communication.
 Copy of .

- X Each of the identified non-English references are discussed in the subject application.

- c. _____ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VII. FEE PAYMENT (check one)

- _____ Enclosed please find a check in the amount of \$230.00 for the above-indicated fee.
- _____ Please charge Deposit Account No. 04-1105 in the amount of \$230.00 for the above-indicated fee.
- X No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule, with a petition if necessary, and charge the appropriate fee to Deposit Account No. 04-1105.

Respectfully submitted,

Date: June 11, 2001

By: William J. Daley, Jr.
William J. Daley, Jr., (Reg. No. 35,487)
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Attorney Docket No. 55338 (70868)

2621

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APPLICANT: Kazuyuki Nako, et al.

U.S.S.N.: 09/720,475

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Examiner: Unassigned

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
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Honorable Commissioner of Patents and Trademarks
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II. COPIES

T

- a. X Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. Each of the patents, publications or other information listed on the attached PTO-1449 was previously cited by or submitted to the USPTO in connection with U.S.S.N.: 08/000,000, to which the subject application claims the benefit of the earlier filing date. As such, a copy of each is not included herewith pursuant to 37 C.F.R. § 1.98(d).

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

- a. X Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b. A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- English translation for reference(s).
 - X English abstract for reference(s) B6 through B17.
 - English translation of search report/ official communication.
 - Copy of PCT/EPO Search Report.
- c. The following additional information is provided for the Examiner's consideration:
- Copy of EPO Search Report.
 - Copy of PCT Search Report.
 - Copy of Official Communication from the Patent Office.
 - English translation of search report/ official communication.
 - Copy of .

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)
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- a. within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.
- b. within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.

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V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. _____ No certification; therefore, a fee in the amount of \$240.00 is required by 37 C.F.R. . § 1.17(p).
- or
- b. _____ See the certification below. No fee is required.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby certifies that

- a. _____ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. _____ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.
- c. _____ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VII. FEE PAYMENT (check one)

- _____ Enclosed please find a check in the amount of \$240.00 for the above-indicated fee.
- _____ Please charge Deposit Account No. 04-1105 in the amount of \$240.00 for the above-indicated fee.
- X No fee is required.

REMARKS

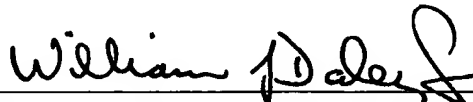
If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule, with a petition if necessary, and to charge the appropriate fee to Deposit Account No. 04-1105.

Each Reference listed on the attached Form PTO-1449 was cited in the International Search Report and/or the IPER.

Reference B6 and b8 correspond to USP 5,973,802 and USP 5,760,930 included in the Information Disclosure Statement filed concurrently herewith. It is Applicants' understanding that USP 5,687,006 relates to Reference B10.

Respectfully submitted,

Date: June 11, 2001



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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.

55338(70868)

SERIAL NO.

09/720,475

APPLICANT(S): Kazuyuki NAKO, et al.

FILING DATE:

December 22, 2000

ART UNIT:

Not Assigned

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPR
	A1	5,973,802	October 26, 1999	Hirota, et al.			
	A2	5,760,930	June 2, 1998	Fukuzawa, et al.			
	A3	5,687,006	November 11, 1997	Namizuka, et al.			

FOREIGN PATENT DOCUMENTS

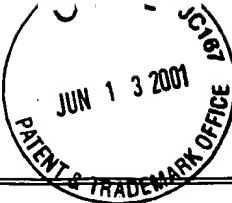
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
	B1	JP 4365182	December 17, 1992	JAPAN			
	B2	JP 6014185	January 21, 1994	JAPAN			
	B3	JP 6-62216	March 4, 1994	JAPAN			
	B4	JP 8-340447	December 24, 1996	JAPAN			
	B5	JP 4-219882	August 10, 1992	JAPAN			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	C1	Hitoshi Kiya, "Resolution Conversion of Digital Image", CQ Publishing, The Interface, June 1998; Japan, pp. 72-80.

Examiner:

Date:



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UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPR
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
	B6	JP 8-251427	September 27, 1996	JAPAN			Abstract
	B7	JP 62-180688	August 7, 1987	JAPAN			Abstract
	B8	JP 5-336386	December 17, 1993	JAPAN			Abstract
	B9	JP 5-258035	October 8, 1993	JAPAN			Abstract
	B10	JP 8-18778	January 19, 1996	JAPAN			Abstract
	B11	JP 63-244973	October 12, 1988	JAPAN			Abstract
	B12	3-82269	April 8, 1991	JAPAN			Abstract
	B13	3-85061	April 10, 1991	JAPAN			Abstract
	B14	8-265563	October 11, 1996	JAPAN			Abstract
	B15	9-233319	September 5, 1997	JAPAN			Abstract
	B16	9-312770	December 2, 1997	JAPAN			Abstract
	B17	61-276077	December 6, 1986	JAPAN			Abstract

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

Examiner:

Date: